

Product datasheet for **TA302931**

SMUG1 Goat Polyclonal Antibody

Product data:

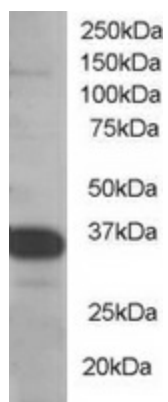
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:32,000. WB: 0.5-2µg/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence PQAFLLSIHEPA-C, from the N Terminus of the protein sequence according to NP_055126.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	single-strand-selective monofunctional uracil-DNA glycosylase 1
Database Link:	NP_055126 Entrez Gene 23583 Human Q53HV7
Background:	SMUG1 is a glycosylase that removes uracil from single- and double-stranded DNA in nuclear chromatin, thus contributing to base excision repair. [supplied by OMIM]
Synonyms:	FDG; HMUDG; UNG3
Protein Families:	Druggable Genome



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Protein Pathways: Base excision repair

Product images:



TA302931 staining (0.5ug/ml) of Molt-4 lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.